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FACSIMILE TRANSMITTAL

DATE: May 3, 2005

RE: U.S. Patent Application No. 09/842,282

TO: Mail Stop Issue Fee

FILED: April 24, 2001

FAX: 703-746-4000

FOR: DIGITAL WATERMARKING APPARATUS  
AND METHODS

FROM: Steven W. Stewart

ART UNIT: 2621

PAGES: 11 (including this page)

DOCKET NO.: P0359S

☒ Urgent

☐ For Review

☐ Please Reply

**FACSIMILE COVER LETTER**

Attached is an Issue Fee payment transmittal letter with deposit account authorization, Amendment After Allowance and Request Under 37 CFR 1.48(b) and Supplemental Application Data Sheet for the above referenced matter.

**CERTIFICATE OF FAXING**

I hereby certify that these papers are being facsimile transmitted to the US Patent Office, 703-746-4000 on May 3, 2005.

Steven W. Stewart, Reg. No. 45,133  
Attorney for Applicant

If you do not receive all pages or if you have problems receiving transmittal, please call us at 503-469-4658.

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T-437 P.003/011 F-115

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Rhoads et al.

Application No.: 09/842,282

Filed: April 24, 2001

For: DIGITAL WATERMARKING  
APPARATUS AND METHODS

Examiner: J. Couso


Date: May 3, 2005

Art Unit: 2621

Confirmation No.: 5545

CERTIFICATE OF TRANSMISSION

I HEREBY CERTIFY THAT THIS PAPER AND  
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2005, TO THE UNITED STATES PATENT AND  
TRADEMARK OFFICE AT: 703-746-4000.

  
Steven W. Stewart  
Attorney for Applicants

**AMENDMENT AFTER ALLOWANCE AND  
REQUEST UNDER 37 CFR 1.48(b)**

Mail Stop Issue Fee  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Amendment and Request is responsive to the Notice of Allowance mailed  
February 16, 2005. Please enter the following amendments and consider the  
accompanying remarks.

Amendments to Inventorship:

\*Please delete Tony F. Rodriguez and Eric E. Illingson as inventors of the presently claimed invention

Amendments to the Claims:

1 – 21. (canceled)

22. (previously presented): A method of printing documents in a network, the network comprising a steganographic decoder and a plurality of printing devices, wherein the network includes or communicates with a database, and wherein the database associates electronic files with plural-bit identifiers, said method comprising:

receiving a plural-bit identifier, wherein the plural bit identifier is obtained from steganographic encoded data that is decoded from optical scan data, and wherein the optical scan data corresponds to a steganographically encoded physical document, and wherein the steganographic encoding comprises the plural-bit identifier, and wherein said decoding is carried out by the steganographic decoder to retrieve the plural-bit identifier;

determining an associated electronic copy of the document through communication with the database which, with at least reference to the plural-bit identifier, identifies the associated electronic copy of the document;

determining at least one of the plurality of printing devices to render the electronic copy of the document to, wherein said determining at least one of the plurality of printing devices to render the electronic copy of the document to is influenced by at least one of a location of the steganographic decoder, a location of the physical document and a location of an optical scanner which generated the optical scan data; and

rendering the electronic copy of the document to the determined printing device.

23. (previously presented): The method according to claim 22, wherein the steganographic decoder comprises a handheld computing device.

24. (previously presented): The method according to claim 22, wherein the determined printing device comprises a printing device located closest to the steganographic decoder.

25. (previously presented): The method according to claim 22, wherein the database comprises a remote database.

26 – 36. (canceled)

37. (previously presented): The method of claim 22, wherein said determining which out of the plurality of printing devices to render the electronic copy of the document to is influenced through user selection.

38. (previously presented): The method of claim 22, wherein the network includes or communicates with the optical scanner, and wherein said determining which out of the plurality of printing devices to render the electronic copy of the document to is influenced by a location of the optical scanner.

39. (currently amended): A method comprising:

receiving optical scan data corresponding to a printed object, wherein the optical scan data is provided by a handheld computing device that includes an optical sensor;

analyzing the optical scan data to obtain a steganographic message embedded therein, wherein the steganographic message comprises plural-bit data; and

triggering rendering of an electronic object document that is associated with the plural bit data through communication of the plural-bit data to a network resource, wherein the electronic object document is rendered by a rendering device identified from a plurality of possible rendering devices, and wherein an identification of the rendering device is influenced by at least a location of the handheld computing device, and wherein the rendering device and the handheld computing device are separate devices.

40. (previously presented): The method of claim 39, wherein the rendering device comprises a printer.

41. (previously presented): The method of claim 39, wherein the handheld computing device further comprises a steganographic message decoder.

42. (previously presented): The method of claim 41, wherein the steganographic message decoder comprises a digital watermark decoder.

43. (previously presented): The method of claim 39, wherein the communication comprises wireless communication.

44. (previously presented): The method of claim 39, further comprising receiving a message from the network resource indicating at least one of a location of the rendering device and an identification of the rendering device.

45. (previously presented): The method of claim 39, wherein the location of the handheld computing device comprises at least a physical location.

**AMENDMENT REMARKS**

Applicants greatly appreciate the Notice of Allowance mailed February 16, 2005. Claim 39 has been amended to change the term "electronic document" to --electronic object--.

Applicants expressly reserve the right to prosecute the canceled claims in one or more continuing applications.

Favorable consideration is requested.

**REQUEST UNDER 37 CFR 1.48(b)**

Applicants respectfully requests that Tony F. Rodriguez and Eric E. Ellingson be deleted as inventors in the present application. It is acknowledged that the deleted inventors' invention is no longer being claimed in the present application. (Applicants note that claims 1-21 and 26-36 were cancelled by the Examiner's Amendment, to remove withdrawn claims, in an Examiner's amendment accompanying the Notice of Allowance.). A supplemental application data sheet is filed herewith to note the change.

The Office is hereby authorized to charge our deposit account no. 50-1071 to cover the processing fee (\$130.00) under 37 CFR 1.17(i) for this inventor deletion, and any other fees associated with this request.

**Conclusion**

Favorable consideration is requested. The Office is invited to telephone the undersigned at 503-469-4685 with any questions.

Date: May 3, 2005

**CUSTOMER NUMBER 23735**

Phone: 503-469-4800

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Respectfully submitted,

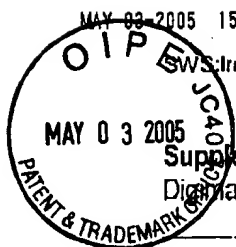
DIGIMARC CORPORATION

By \_\_\_\_\_

Steven W. Stewart

Registration No. 45,133





SWS:lrnp 5/3/05 P0359S

**Supplemental Application Data Sheet** (Multiple Inventors with Representation, Continuity and Priority)  
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SWS:Imp 5/3/05 P0359S

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**Application Information**

Title Line One:: DIGITAL WATERMARKING APPARATUS AND METHODS  
Total Drawing Sheets:: 6  
Application Type:: Utility  
Docket Number:: P0359

**Representative Information**

Representative Customer Number:: 23735